

Problem: The training facility and levee are currently non-conforming uses and are likely obstacles to migrating wildlife in addition to affecting the hydrological processes of the river.
Opportunity: Removal of the levee and infrastructure would allow the restoration of natural processes, plant species, and wildlife to the 33-acre site.

Problem: Earthen bridge blocks seasonal wetlands from interacting with the pond's hydrology.
Opportunity: Remove the earth bridge and reroute trail around the wetlands. This will remove activity and disturbance from a high-value wildlife area.

Problem: Oak woodlands are becoming regionally scarce due to land conversion to urban development.
Opportunity: Plant native oak plant communities on the higher floodplain.

Problem: The pond presently traps fish flushed into the pond during overbank flows.
Opportunity: Reduce the size of the pond by moving the south bank inland.

Access to telephone poles needs to be maintained.

Problem: The steep banks of the pond are infested with sesbania and the pond bottom is uniformly shallow lowering its potential to support diverse plant species.
Opportunity: Reshape and regrade the pond banks so that the hydrology will support more diverse native riparian plants.

Problem: Non-native invasive Sesbania is invading an area of fine cobbles, small wetlands, and shallow aquatic habitat.
Opportunity: Excavate the area to increase shallow aquatic habitat and remove the sesbania.

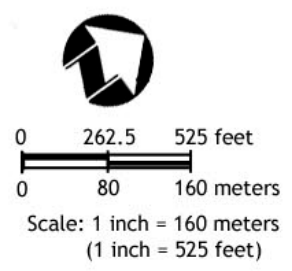
Problem: Non-native invasive Starthistle has begun infesting this small area.
Opportunity: Remove the yellow starthistle and plant native oak woodland plant species.

Problem: The south bank of the river is steep and rapidly eroding, threatening property and valuable spawning gravels in the river.
Opportunity: Alleviate pressure on south bank by constructing a high-flow bypass through the point bar on the north bank. The bypass could be constructed to incorporate wildlife habitat values.

Problem: The access road separating the river from the pond is easily breached at low flows and carries fish into the pond, trapping them.
Opportunity: Stabilize the road by filling it, raising its elevation, and creating a more natural slope on the river side; plant adjacent areas with native plant species.

LEGEND

- Utility Structure (Power and Telephone Poles, etc.)
- Note: Map contours are shown in meters
Contour interval = 3.75 meters (12.3 feet)



American River Watershed, California
Long-Term Study
Final Supplemental Plan Formulation Report/
EIS/EIR

**ARDEN BAR SITE
PROBLEMS AND OPPORTUNITIES**

Sacramento District, Corps of Engineers
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